

closedly related - fast grounds (usages)
- solutions and circuitous techniques

- best part of the day

+ thought, how - the model
the bump pads - part of
the bump pads -

~~loss of pressure -~~ -
~~loss of pressure -~~ -
loss of pressure -

best - 60°F - set by sources of sources
temperature - information

review - forward of concern

call here

wanted an

designs for module - layout - check out before

not accurate & unuseful stuff - time value of after

hours repeat - isn't something for best if to

about need to think more about

should have the other more

more design - first & later - and of the

we will define them more later, make them

now - benefit + convenience
ours - Axis our do help out difficult problems

1 - understanding + communication - paid meeting

2 - common work culture - best of these

purpose of business - draw

for all

period help of designs to communicate

IEP study - for us of team process

DA 2 - wheat, oil, catches - paid meeting - here { I am

DA 23 - paid up my life

Nov 20 - joint work meeting

dominating meetings

CAFEED with Quality 9/19/96 - discussion would include

Power II - Meeting

726, D10 - 3.4.2

2) DDT

PCBs

Chlordane

Toxaphene

Banned & not being added

3 lists of Params - Palme R.

① list of Params - to be modified

② list of Params of concern

③ list of Params that can be addressed by Actions

Possible Additions to Params of concern

① Dacthal

② Diuron

③ MBTE

④ Chromium

⑤ Dioxin } toxicity, above std, tissue or seed prob

⑥ Methyl Parathion

⑦ PAHs

⑧ methedation

Problem - need to define this

Identical Problems - ID what could be a problem

⇒ Toxicity

⇒ Standard - ^{waters} Regional Board, USEPA, SUWCB, ^{new} inland surface water plants

- sediment stds: Indian points for dredging, Due. Compiled sediment values & criteria - not enforceable

TBT, Hg

more & review - over winter (USWCB)

③

③

Data - expand beyond past 5 yrs?

- No - Chris Fox - mining - ↓ metals when drought types
 - metals not exceeding stds
 - some yrs b/c drought not b/c the condn is improving

Problem - Data to back it up

Concern - CALFED can deal w/ it

Chromium - Pitah Creek - VCDavis - metal Cr from landfill

- Arsenic - Carcinogen - Drinking water concern
- in upper watershed - exceeds all life stds
 - Phyllis Fox - will provide

- To Do

① Define Problem:
- need to define criteria for aquatic

- ① Toxicity data - bioassay, reasonable QAQC, good lit study
- ② stds exceedence
- ③ Bioaccumulation
- ④ Human Health - Dept Health service, EPA health

② Each parameter - check 1^o lit for data that demonstrates
that is a problem

③ One blatant reason why each is a problem
or obvious

Health
Advis
from
DHS &
EPA

- PAH - diving ducks - Seaside Bay
- Starry Flounder - Bay - PAH
 - PAH - elevated levels in striped Bass - 70's + 80's
 - RMP - PAH's elevated by our stds? - need to define prob
 - " " by RMP stds

Tissue levels - part of bioaccum criteria
Chronic levels

(4)

Modeling for Metals
Copper - Indicator for Sacto R.

Joe Scanba
USFWS
Selenium
expect

Selenium - Indicator for SSR

mercury - everywhere, no one knows
 from where

Modeling for Organics

Send
 around
 "other" table
 in a FAX

Chlorpyrifos - Summer tailwater SJ
 - more toxic

Diazinon - most data - winter problem

Ask Val Conner re: Summer Diazinon data

Need to use both organics for modelling

- Chlordane
- DDT
- PCBs
- Toxaphene

} not to be modelled

DPR
 PQLS
 practical
 quantification
 limits

Hazard Assessments

Brian Finlayson - 15ng/l
 more chlorpyrifos

Diazinon

43ng/l
 measured (USFWS)

JM
 Harrington
 measured
 see ass.

What is a param of concern? Study Health

A Param of concern which:

1)

2) Criteria at least x times

3) is/will be reqd

4) problem in water, sed, biota in
bonafide studies

Actions - how they are org'd

- groupings

- Benefits vs constraints of each Atn

Modelling

Different Sources so impossible to pick one

to model for all metals

- Selenium - bioaccumulates - unique
where

- Copper - lots of data, toxic - food
good indicator - model

= Cadmium - low quality data, don't
for facts model

= Zinc - everywhere, not toxic

→ don't need to model

more recent - references (US EPA)